

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly in connection with an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the sub-base assembly;
and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connection on the sub-base to a second connection on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a predetermined temperature.

2. (original) The apparatus of claim 1, further comprising a housing that covers the connector and connection to the sub-base assembly so as to prevent damage or entry of unwanted materials.

3. (currently amended) The apparatus of claim 2, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connection on the sub-base to a fourth connection and fifth connection on the sub-

base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second predetermined temperature.

4. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly having a plurality of connector pins in connection with an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly; and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a predetermined temperature.

5. (original) The apparatus of claim 4, further comprising a housing that covers the connector and connector pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

6. (currently amended) The apparatus of claim 5, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a

third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second predetermined temperature.

7. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly having a plurality of connector pins associated with a plurality of terminals for connecting to an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly; and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a non-adjustable predetermined temperature.

8. (original) The apparatus of claim 7, further comprising a housing that covers the connector and connector pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

9. (currently amended) The apparatus of claim 8, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates,

independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second non-adjustable predetermined temperature.

10. (currently amended) An apparatus in combination with a thermostat sub-base assembly having a plurality of connector pins associated with a plurality of terminals for connecting to an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly;

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a non-adjustable predetermined temperature; and

a housing that covers the connector and connection pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

11. (currently amended) The apparatus of claim 10, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates,

independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second non-adjustable predetermined temperature.

12. (currently amended) The apparatus of claim 10, wherein the apparatus provides ~~control~~ temperature actuated switching of an HVAC system independent of a battery or external power source.

13. (original) The apparatus of claim 10, wherein the sub-base comprises eight connector pins and the connector is a socket connector configured to be releasably connectable to the eight connector pins.